

Mathematics 2003, Grade 8

Mathematics Composite

Idaho NAEP Snapshot

Volume 2003, Number 12

The Mathematics assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student skills with number properties and operations, measurement, geometry, data analysis and probability, and algebra. The math scale ranges from 0 to 500, where 262 is a Basic performance, 299 is Proficient, and 333 is Advanced.

Mathematics in the Northwest (Average Scale Score)



Legend: Idaho (blue) is the focal state. States in green scored significantly higher than Idaho. States in yellow were not statistically different from Idaho. States in red scored significantly lower than Idaho.

◆ In 2003, the average scale score for 8th grade students in Idaho was 266 for mathematics. This was higher than students across the nation (263).

◆ Idaho 8th graders had a higher average scale score on the 2003 mathematics assessment than their peers in Nevada.

◆ Idaho had an average scale score on the 2003 8th grade mathematics assessment that was not different from Washington, Oregon, and Utah.

◆ Idaho 8th graders had a lower average scale score on the 2003 mathematics assessment than their peers in Wyoming and Montana.

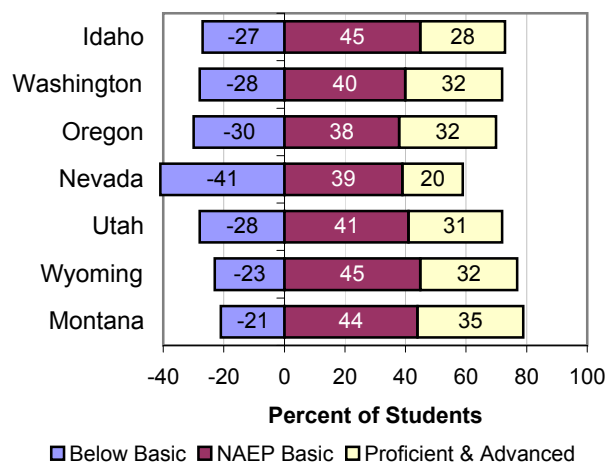
Percentage of Students at NAEP Mathematics Achievement Levels

◆ 73% of Idaho 8th grade students scored at or above *Basic* on the 2003 mathematics assessment, higher than the nation's 67%.

◆ Idaho had a higher percentage of 8th graders than Nevada scoring at or above *Basic* on the 2003 mathematics assessment.

◆ The percentage of Idaho 8th graders scoring at or above *Basic* on the 2003 mathematics assessment was not significantly different from their peers in Washington, Oregon, and Utah.

◆ Idaho had a lower percentage of 8th graders than Montana and Wyoming scoring at or above *Basic* on the 2003 mathematics assessment.



Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.